

AMENDMENTS TO THE CLAIMS

The listing of the claims will replace the previous version, and the listing of the claims:

LISTING OF THE CLAIMS

1. (currently amended) A maintenance system for an analyzing instrument, comprising:

a first computer provided in an analyzing instrument and including inspecting means for inspecting abnormality of the analyzing instrument, executing means for executing an inspection by operating the inspecting means, and first communication means connected to the first computer for sending result information obtained by executing the inspection by the executing means, and

a second computer provided in a maintenance department side and including information storing means sequentially storing the result information sent from the first computer through a communication line and storing in advance maintenance information for solving abnormalities, searching means for searching the maintenance information corresponding to abnormality information contained in the result information sent from the first computer from the information storing means to extract the maintenance information, said searching means referring to an abnormality occurrence frequency at a portion where the abnormality occurs from accumulated result information obtained in a past inspection of the analyzing instrument in which the abnormality is detected to thereby obtain optimum repair information, and second communication means connected to the searching means for sending the maintenance information extracted by the searching means to the first computer through the communication line.

2-4. (cancelled)

5. (currently amended) A maintenance system for an analyzing instrument, ~~according to claim 4,~~ further comprising:

a first computer provided in an analyzing instrument and including inspecting means for inspecting abnormality of the analyzing instrument, executing means for executing an inspection by operating the inspecting means, first communication means connected to the first computer for sending result information obtained by executing the inspection by the executing means, and access person identifying means ~~provided in the first computer~~ for identifying an access person,

a second computer provided in a maintenance department side and including information storing means sequentially storing the result information sent from the first computer through a communication line and storing in advance maintenance information for solving abnormalities, searching means for searching the maintenance information corresponding to abnormality information contained in the result information sent from the first computer from the information storing means to extract the maintenance information, second communication means connected to the searching means for sending the maintenance information extracted by the searching means to the first computer through the communication line, and user identifying means ~~provided in the second computer~~ for identifying a user, and

inspection result determining section for receiving the result information sent from the first computer and determining if the result information contains the abnormality, said inspection result determining section sending the result information to the storing means if there is no abnormality and to the searching means if there is the abnormality.

6. (currently amended) A maintenance system for an analyzing instrument, ~~according to claim 5,~~ further comprising:

a spectrophotometer, ~~connected to the~~
a first computer for analyzing connected to the
spectrophotometer as an analyzing instrument and including
inspecting means for inspecting abnormality of the analyzing
instrument, executing means for executing an inspection by operating
the inspecting means, first communication means connected to the
first computer for sending result information obtained by executing
the inspection by the executing means, and access person identifying
means for identifying an access person,

a second computer provided in a maintenance department side and
including information storing means sequentially storing the result
information sent from the first computer through a communication
line and storing in advance maintenance information for solving
abnormalities, searching means for searching the maintenance
information corresponding to abnormality information contained in
the result information sent from the first computer from the
information storing means to extract the maintenance information,
second communication means connected to the searching means for
sending the maintenance information extracted by the searching means
to the first computer through the communication line, and user
identifying means for identifying a user, and

inspection result determining section for receiving the result
information sent from the first computer and determining if the
result information contains the abnormality, said inspection result
determining section sending the result information to the storing
means if there is no abnormality and to the searching means if there
is the abnormality.